

=> d his full

(FILE 'HOME' ENTERED AT 09:41:39 ON 26 OCT 2007)

FILE 'REGISTRY' ENTERED AT 09:41:53 ON 26 OCT 2007

L1 STRUCTURE UPLOADED
L2 0 SEA SSS SAM L1
L3 16 SEA SSS FUL L1

FILE 'CAPLUS' ENTERED AT 09:43:48 ON 26 OCT 2007

L4 3 SEA ABB=ON PLU=ON L3

FILE 'REGISTRY' ENTERED AT 10:41:35 ON 26 OCT 2007

L5 STRUCTURE UPLOADED
L6 0 SEA SSS SAM L5
L7 16 SEA SSS FUL L5

FILE 'CAPLUS' ENTERED AT 10:42:16 ON 26 OCT 2007

L8 3 SEA ABB=ON PLU=ON L7
 D IBIB AB HITSTR 1-3

FILE 'MARPAT' ENTERED AT 10:43:00 ON 26 OCT 2007

L9 3 SEA SSS FUL L5
L10 0 SEA ABB=ON PLU=ON L9 NOT L8

FILE 'USPATFULL' ENTERED AT 10:43:31 ON 26 OCT 2007

L11 1 SEA ABB=ON PLU=ON L7
 D IBIB AB HITSTR

FILE 'CAPLUS' ENTERED AT 10:43:57 ON 26 OCT 2007

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 OCT 2007 HIGHEST RN 951378-74-8

DICTIONARY FILE UPDATES: 24 OCT 2007 HIGHEST RN 951378-74-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE CAPLUS

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FILE COVERS 1907 - 26 Oct 2007 VOL 147 ISS 19
FILE LAST UPDATED: 25 Oct 2007 (20071025/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

FILE MARPAT
FILE CONTENT: 1961-PRESENT VOL 147 ISS 16 (20071019/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US	2007208087	06	SEP	2007
DE	102006031470	06	SEP	2007
EP	1829884	05	SEP	2007
JP	2007227583	06	SEP	2007
WO	2007101371	13	SEP	2007
GB	2435471	29	AUG	2007
FR	2898125	07	SEP	2007
RU	2304584	20	AUG	2007
CA	2537669	24	AUG	2007

Expanded G-group definition display now available.

FILE USPATFULL
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 25 Oct 2007 (20071025/PD)
FILE LAST UPDATED: 25 Oct 2007 (20071025/ED)
HIGHEST GRANTED PATENT NUMBER: US7287284
HIGHEST APPLICATION PUBLICATION NUMBER: US2007250975
CA INDEXING IS CURRENT THROUGH 25 Oct 2007 (20071025/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 25 Oct 2007 (20071025/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2007
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2007

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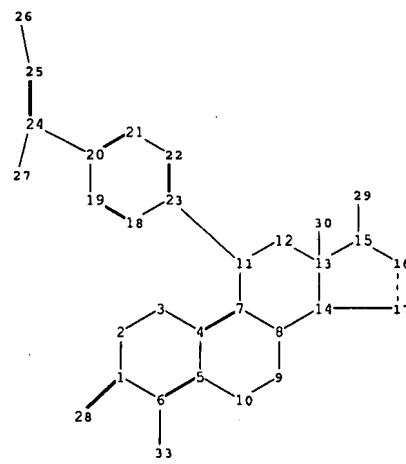
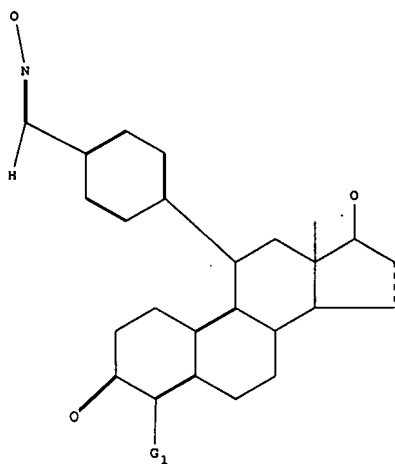
L5 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L7 16 SEA FILE=REGISTRY SSS FUL L5

L11 1 SEA FILE=USPATFULL ABB=ON PLU=ON L7



chain nodes :

24 25 26 27 28 29 30 33

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
22 23

chain bonds :

1-28 6-33 11-23 13-30 15-29 20-24 24-25 24-27 25-26

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 7-11 8-9 8-14 9-10 11-12
12-13 13-14 13-15 14-17 15-16 16-17 18-19 18-23 19-20 20-21 21-22
22-23

exact/norm bonds :

1-28 6-33 15-29 16-17 24-25 25-26

exact bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 7-11 8-9 8-14 9-10 11-12
11-23 12-13 13-14 13-15 13-30 14-17 15-16 20-24 24-27

normalized bonds :

18-19 18-23 19-20 20-21 21-22 22-23

isolated ring systems :

containing 1 : 18 :

G1:CF3,X

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom
18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:CLASS 25:CLASS
26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 33:CLASS

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	hillisch-alexander-\$.in.	US-PGPUB; USPAT	OR	OFF	2007/10/26 12:13
L2	0	elger-walter-\$.in.	US-PGPUB; USPAT	OR	OFF	2007/10/26 12:13
L3	0	schubert-gerd-\$.in.	US-PGPUB; USPAT	OR	OFF	2007/10/26 12:13
L4	0	reddersen-gudrun-\$.in.	US-PGPUB; USPAT	OR	OFF	2007/10/26 12:13